

CLAIMS:

1. A delivery pipe comprising:

an outer pipe;

an inner pipe; and

a noise emission decreasing device,

wherein the outer pipe is connected to a plurality of fuel injectors of a multi-cylinder internal combustion engine,

the inner pipe being disposed in the outer pipe and having an open end through which an interior of the inner pipe communicates with atmosphere,

the noise emission decreasing device being adapted to act so as to decrease a noise emitted from the inner pipe.

2. A delivery pipe according to claim 1, wherein the noise emission decreasing device includes a mesh.

3. A delivery pipe according to claim 1, wherein the noise emission decreasing device includes a porous member.

4. A delivery pipe according to claim 1, wherein the noise emission decreasing device includes a vibration suppressing member provided to the inner pipe.

5. A delivery pipe according to claim 1, wherein the noise emission decreasing device includes an elastic tube fitted into the inner pipe.

6. A delivery pipe according to claim 1, wherein the noise emission decreasing

device includes a wire harness inserted into the inner pipe.

7. A delivery pipe according to claim 1, wherein the noise emission decreasing device is provided at all portions of a cross section of an interior of the inner pipe.

8. A delivery pipe according to claim 1, wherein the noise emission decreasing device is provided at only a portion of a cross section of an interior of the inner pipe.

9. A delivery pipe according to claim 1, wherein the noise emission decreasing device is disposed at an entire circumference of an inside surface of the inner pipe.

10. A delivery pipe according to claim 1, wherein the noise emission decreasing device is disposed at only a portion of a circumference of an inside surface of the inner pipe.

11. A delivery pipe according to claim 1, wherein the noise emission decreasing device is disposed at only the open end of the inner pipe.

12. A delivery pipe according to claim 1, wherein the noise emission decreasing device is disposed at only a longitudinally intermediate portion of the inner pipe.

13. A delivery pipe according to claim 1, wherein the noise emission decreasing device is pressed into the inner pipe and is located inside the inner pipe.

14. A delivery pipe according to claim 1, wherein the noise emission decreasing

device is bonded to an inner surface of the inner pipe and is located inside the inner pipe.

15. A delivery pipe according to claim 1, wherein the noise emission decreasing device includes a vibration damping sheet attached to an inner surface of the inner pipe.

16. A delivery pipe according to claim 1, wherein the noise emission decreasing device includes a vibration damping coating coated to an inner surface of the inner pipe.

17. A delivery pipe according to claim 1, wherein the inner pipe includes a main pipe and a branch pipe diverging from the main pipe and extending toward the fuel injector and the wire harness extends through the inner pipe to a respective fuel injector.